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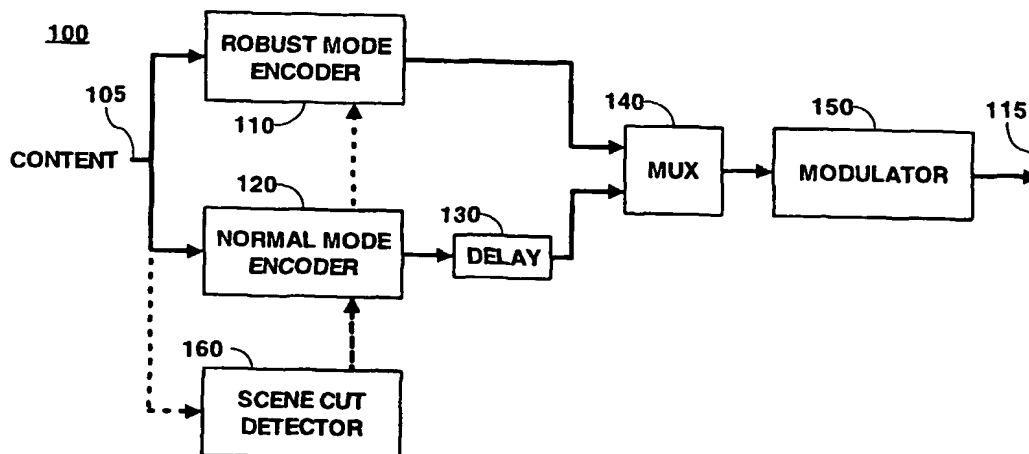
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(54) Title: **ROBUST MODE STAGGERCASTING WITHOUT ARTIFACTS**



(57) Abstract: A method for staggercasting (figs.1-2), includes encoding a first signal (120) representing content using encoding having successive independent decoding segments and encoding a second signal (110) representing the content using encoding having successive independent decoding segments respectively corresponding to the independent decoding segments of the first encoded signal. A composite signal (115) including the first and second encoded signals is generated in which the first encoded signal is delayed (130) with respect to the second encoded signal. If an error (E) is detected in the composite signal during a portion of an independent decoding segment of the delayed first encoded signal, then the corresponding independent decoding segment of the received second encoded signal is decoded to produce the content, otherwise, the received delayed first encoded signal is decoded to produce the content.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/01528

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04N 7/12

US CL : 375/240.25, 240.27; 725/101

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 375/240.25, 240.26, 240.27, 240.28; 725/86-87, 90, 101; 348/385.1, 388.1; 370/508

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
IEEEExplore, Science Direct

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6,144,400 A (EBISAWA) 07 November 2000, entire document.	1-55
A, E	US 6,701,528 B1 (ARSENAULT ET AL) 02 March 2004, entire document.	1-55
A, E	US 6,771,657 B1 (ELSTERMANN) 03 August 2004, entire document.	1-55

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☐ See patent family annex.

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